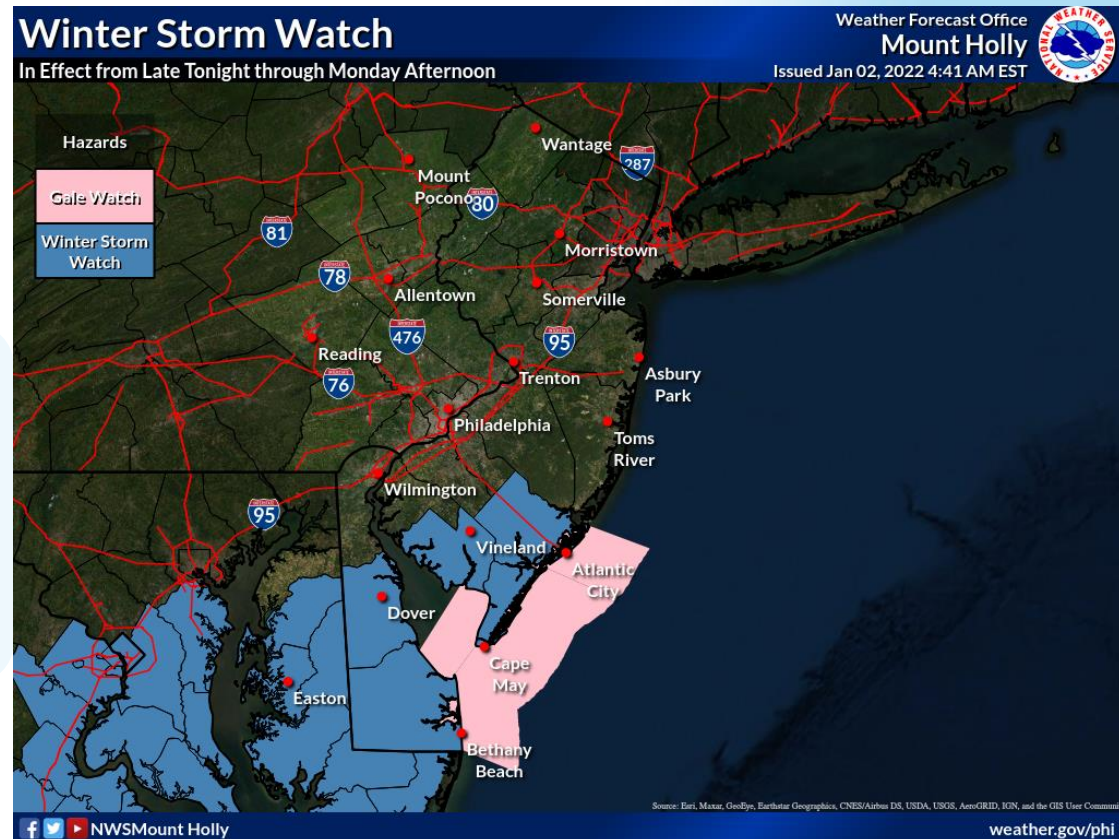


Winter Storm Possible Late Tonight through Monday





Decision Support Briefing #1 As of: 6 AM Sunday, January 2, 2022

What Has Changed?

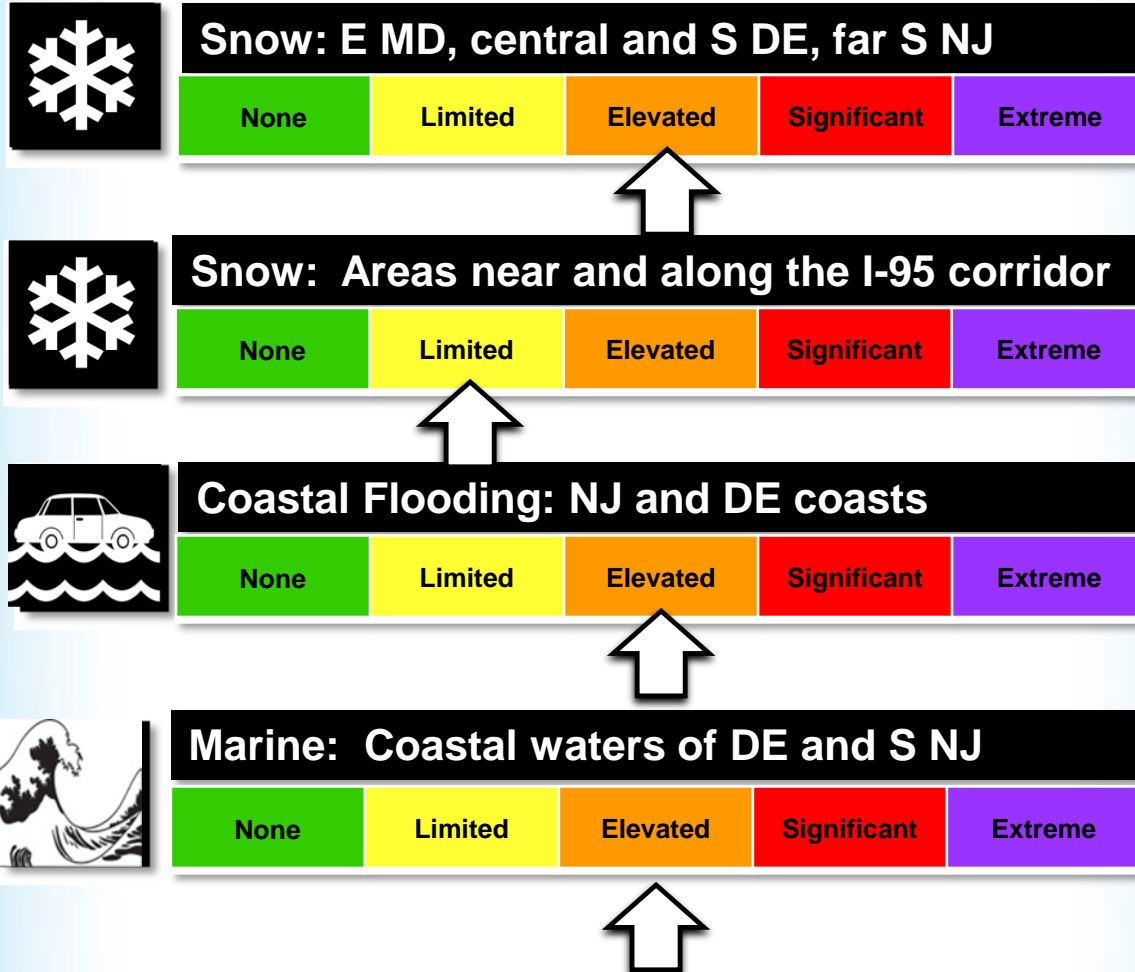
- ✓ Initial Briefing
- ✓ Major change to prior forecast thinking
- ✓ Winter Storm Watch issued for portions of the area
- ✓ Coastal Flood Watch issued



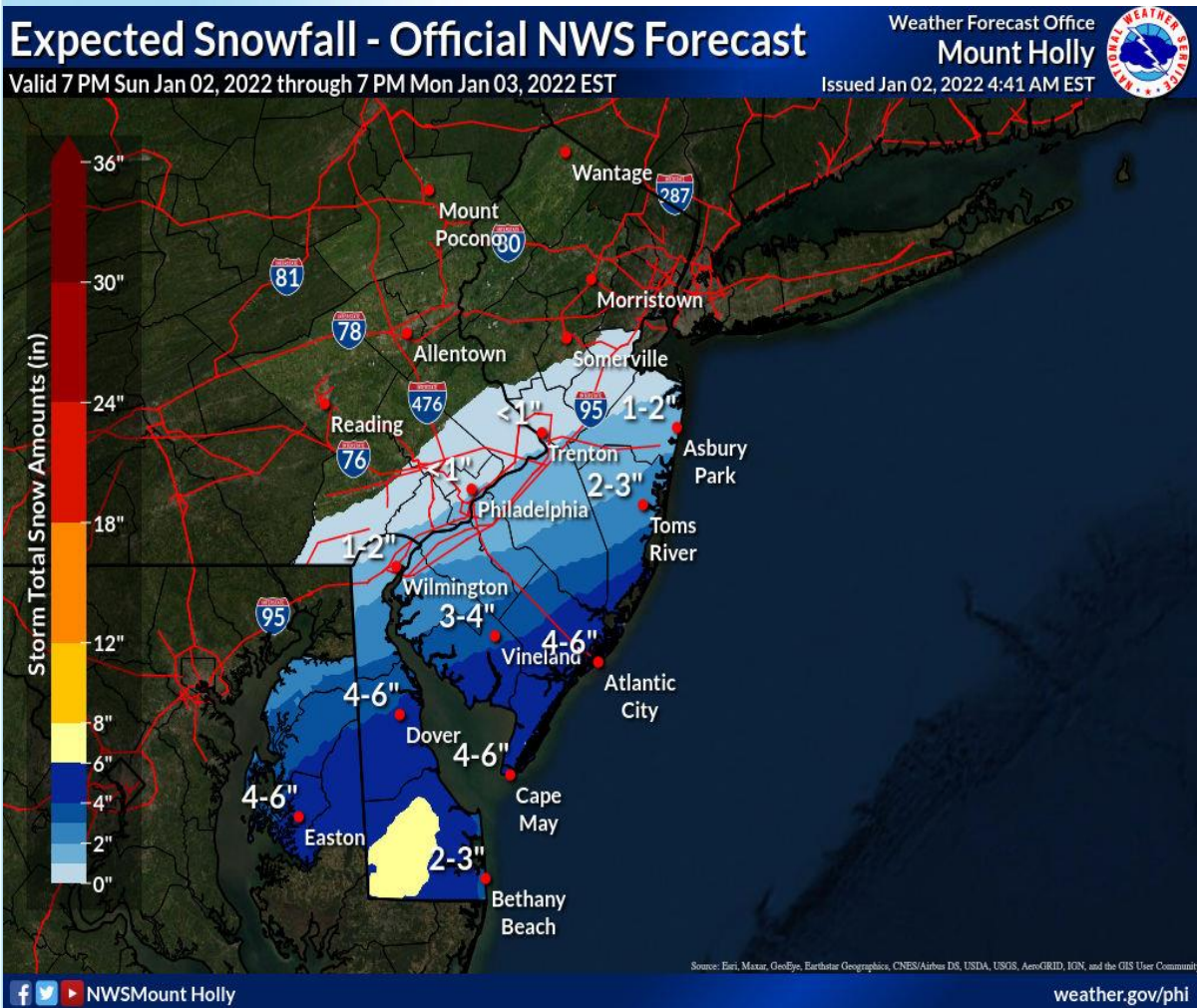
Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	Heavy snow, with amounts of at least 4 to 6 inches, will result in treacherous driving conditions and potential for snow-covered roads.	Portions of the Eastern Shore of Maryland, central and southern Delaware, and far southern New Jersey	Late tonight through late Monday afternoon
Snow 	Snow possible, with amounts of a coating to 2 inches. The Monday morning commute may be affected.	Areas near and along the I-95 corridor including Philadelphia and its suburbs	Late tonight through late Monday afternoon
Coastal Flooding 	Moderate coastal flooding is possible.	The Atlantic coasts of southern New Jersey and Delaware. Minor flooding is possible in other coastal areas.	Multiple additional tide cycles of flooding are possible, but the threat for moderate flooding will be with the Monday morning high tide.
Marine 	North-northeasterly winds gusting to gale force and seas of 5 to 7 feet will make for difficult navigation on the ocean.	The Atlantic coastal waters of southern New Jersey and Delaware, and Lower Delaware Bay	Monday morning through late afternoon.

Summary of Greatest Impacts



Expected Snowfall Accumulation



- ✓ Very low confidence in the snowfall forecast; significant changes are possible
- ✓ A sharp cutoff to the north is likely, but the axis of higher amounts could shift farther to the north
- ✓ Snowfall rates over 1 inch per hour are possible in the Watch area

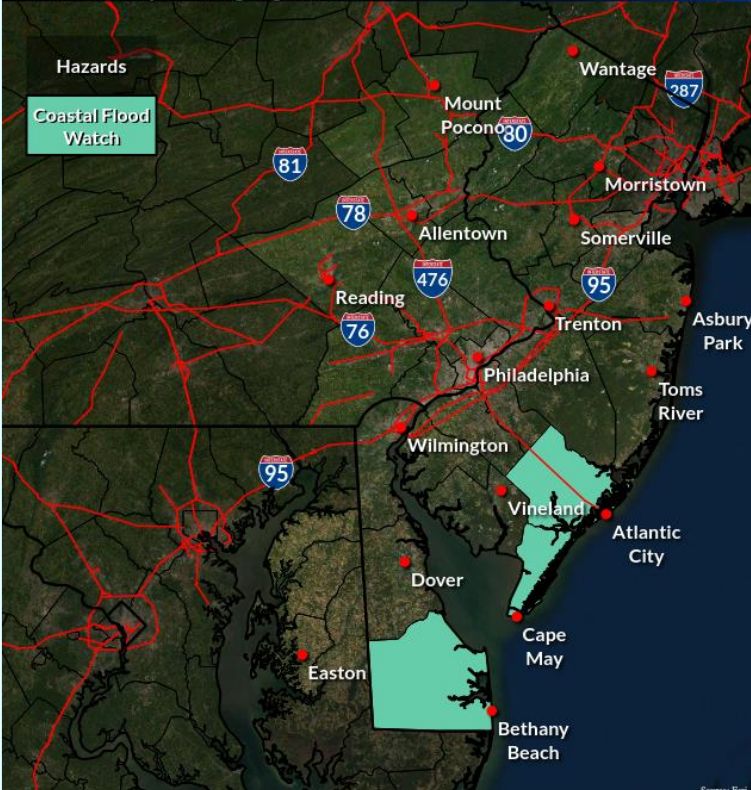
Impacts ↑	Extreme			
	Significant			
	Elevated	X		
	Limited			
	None			
		Low	Moderate	High
		Confidence →		

Coastal Flooding

Coastal Flood Watch

For the Monday Morning High Tide

Weather Forecast Office
Mount Holly
Issued Jan 02, 2022 5:25 AM EST

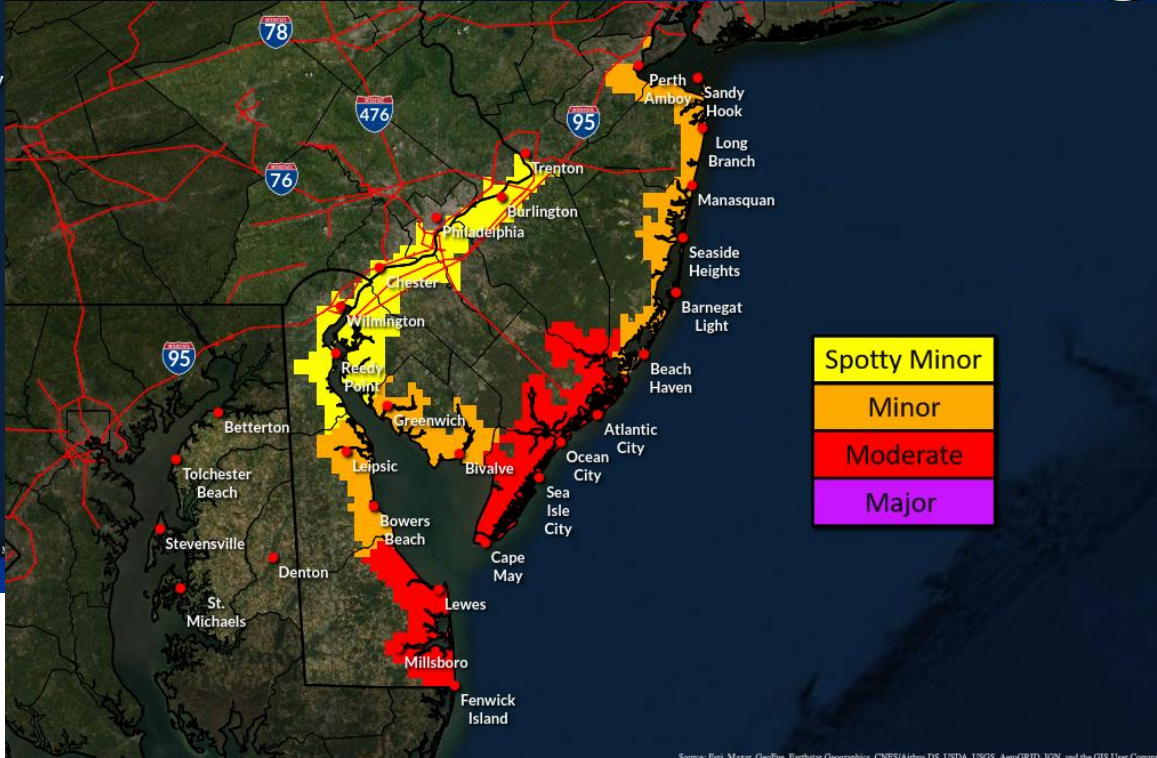


f t NWSMount Holly

Coastal Flood Threat

Valid Sun 7:00AM through Tue 7:00PM EST

Weather Forecast Office
Mount Holly
Issued Jan 02, 2022 5:24 AM EST



Spotty Minor
Minor
Moderate
Major

f t NWSMount Holly

Source: Eri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

weather.gov/phi

✓ **Greatest concern with Monday morning's high tide**



Event Summary

- ✓ A period of snow, which may begin as rain, is expected for southern portions of Delmarva and southern New Jersey through much of Monday.
- ✓ Snowfall rates of 1 inch per hour or higher are possible in the heaviest snow on Monday morning. This could cause major impacts to the Monday morning commute. Roads could become snow-covered rapidly with these snowfall rates.
- ✓ Uncertainty in this forecast is very high; this is the most uncertain 24 to 36 hour snowfall forecast in recent memory. Additional forecast changes, potentially significant, are likely.
- ✓ Gale force winds are possible on some of the local coastal waters
- ✓ Additional rounds of coastal flooding are expected, and the coastal flood threat for Monday morning has increased. A Coastal Flood Watch has been issued for tidal portions of Atlantic, Cape May, and Sussex Counties.

Contact and Next Briefing Information

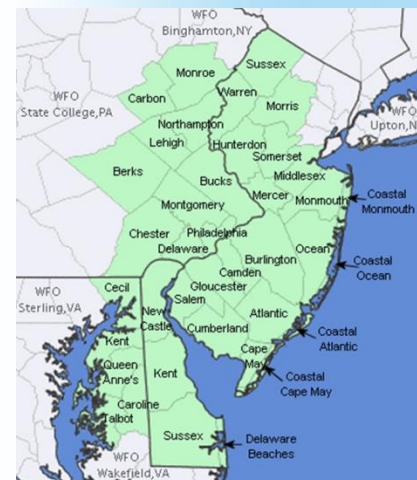


Next Briefing

When: By 6 PM Sunday, January 2

Briefing Webpage:

www.weather.gov/media/phi/current_briefing.pdf



Web:

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